

IN THE DRAWINGS

Figs. 1, 2, 7, 12, 14, and 15 in line drawings are provided to replace the previous Figs. 1, 2, 7, 12, 14, and 15. New Fig. 16 is provided to show the structures set forth in claims 35-41 and 43. Replacement drawing sheets are attached to this amendment.

REMARKS

Claims 22-26, 28-29, and 31-44 are pending in the application. Claims 22-26, 28-29, and 31-43 have been amended. Claim 44 has been added. Claims 1-21 have been previously canceled. Claims 27 and 30 have now been cancelled.

Drawing Objection

In item 4 on pages 2-3 of the Office action, the drawings are objected to because of the following:

- A. The features shown in Figs. 1-2, 7, 12, and 14-15 are difficult to discern because of the contrast (i.e., black background)
- B. None of the drawings show the structures set forth in claims 35-41 and 43.

With regard to A, Figs. 1-2, 7, 12, and 14-15 have been replaced with line drawing figures. A new Fig. 16 has been added to show the structures set forth in claims 35-41 and 43. The specification has been amended accordingly.

Disclosure Objection

In item 5 on page 3 of the Office action, the disclosure is objected to because of an informality.

Appropriate correction has been made.

Claims Objections

In item 6 on page 3 of the Office action, claims 23, 35-41, and 43 are objected to because of informalities.

Appropriate correction has been made. See the amended claims.

Claims Rejections – 35 U.S.C. § 112

In item 6 on page 3 of the Office action, claims 22-43 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite.

Appropriate correction has been made. See the amended claims.

Claims Rejections – 35 U.S.C. § 102

Claims 22-29, 31 and 42 are rejected under 35 U.S.C. § 102(b) as being anticipated by EP 1 065 642 A (hereinafter EP '642). Claims 22, 27, 31 and 42 are rejected under 35 U.S.C. § 102(b) as being anticipated by Iisaka et al. (US 6,366,221 B1).

The rejections have been considered and claims 22 and 42 have been amended to incorporate the features of claims 27 and 30. The advantages of symbolic representation of the edge boundaries and the visualization of the edge boundaries by the display of a grid, a sequence of columns or a checkerboard pattern, which are not disclosed by any of the cited references, are described in paragraphs [00014] to [00016] of the specification of the instant application. It is also noted that the Examiner has not rejected previous claim 30 over any cited references.

Claims Rejections – 35 U.S.C. § 103

Claims 35, 37-38, and 43 are rejected under 35 U.S.C. § 103(a) as being obvious over EP '642 or Iisaka in view of WO 03/001471 (hereinafter WO '471, reference made to the English language equivalent US 2004/0181338).

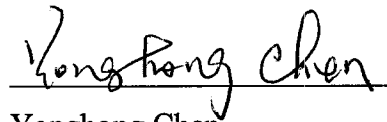
Similarly to amendment of claims 22 and 42 as discussed above, claims 35 and 43 have been amended to incorporate the features of claims 27 and 30.

The independent claims 22, 35, and 42-43 are, therefore, believed to be patentable over the art. Since all the dependent claims are dependent on claims 22 or 35, they are believed to be

patentable as well.

Favorable consideration and early issuance of the Notice of Allowance are respectfully requested. **Should further issues remain prior to allowance, the Examiner is respectfully requested to contact the undersigned at the indicated telephone number.**

Respectfully submitted,

A handwritten signature in cursive script, reading "Yonghong Chen", written over a horizontal line.

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